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<p>(21) International Application Number: PCT/AU89/00334 (22) International Filing Date: 4 August 1989 (04.08.89) (30) Priority data: PI 9675 4 August 1988 (04.08.88) AU (71)(72) Applicants and Inventors: LARKIN, Bryan, James [AU/AU]; 12 Timber Way, Surf Beach, NSW (AU). PALMER, Michael [AU/AU]; 15/281 Old South Head Road, Bondi, NSW 2026 (AU). (74) Agent: SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 2001 (AU). (81) Designated States: AT, AT (European patent), AU, BB, BE (European patent), BF (OAPI patent), BG, BJ (OAPI patent), BR, CF (OAPI patent), CG (OAPI patent), CH, CH (European patent), CM (OAPI patent), DE, DE (European patent), DK, FI, FR (European patent),</p>		<p>GA (OAPI patent), GB, GB (European patent), HU, IT (European patent), JP, KP, KR, LK, LU, LU (European patent), MC, MG, ML (OAPI patent), MR (OAPI patent), MW, NL, NL (European patent), NO, RO, SD, SE, SE (European patent), SN (OAPI patent), SU, TD (OAPI patent), TG (OAPI patent), US. Published With international search report.</p>
<p>(54) Title: RELEASING FISH ATTRACTANT FROM A LURE</p> <div data-bbox="227 1260 1364 1575"></div> <p>(57) Abstract A fishing lure (20) including a hollow body (21) providing a chamber (22) to receive a flowable substance which attracts fish, which flows from a trailing passage (26).</p>		

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RELEASING FISH ATTRACTANT FROM A LURE

BACKGROUND OF THE INVENTION

The present invention relates to Australian Patent Application PI 8778 directed to "A Fishing Lure".

To aid in maintaining a hook or lure at a desired depth, there is frequently provided, before the hook or lure, a vaned body. These vaned bodies are often referred to as "paravanes". Known fishing lures have relied upon visually attracting the fish, or alternatively vibrating in order to attract the fish via vibration transmitted through the water. It is also common to use burley as a bait to attract the fish. The burley is either distributed by hand or located in containers wherefrom it is distributed. These methods of dispensing burley have the disadvantage that it is not located adjacent the hook or lure.

SUMMARY OF THE INVENTION

It is the object of the present invention to overcome or substantially ameliorate the above disadvantage.

There is disclosed herein a fishing aid having a forward end to be attached to a fishing line, said aid including a hollow body enclosing a cavity which is to receive a flowable substance which attracts fish, and wherein said body has an outlet extending rearwardly from said cavity through which said substance flows to be delivered to the water surrounding said aid.

DESCRIPTION OF THE DRAWINGS

A preferred form of the present invention will now be described by way of example with reference to the accompanying drawings, wherein:

Figure 1 is a schematic part sectioned side elevation of a paravane;

Figure 2 is a schematic top plan view of the paravane of Figure 1;

Figure 3 is a schematic part sectioned side elevation of a fishing lure;

Figure 4 is a schematic side elevation of a container to be employed with the lure of Figure 1;

Figure 5 is a schematic side elevation of a further lure to that shown in Figure 3; and

DESCRIPTION OF THE PREFERRED EMBODIMENT

Figure 6 is a schematic side elevation of the lure of Figure 6 sectioned longitudinally.

In the accompanying drawings there is schematically depicted a paravane 10. The paravane 10 has a leading portion 11 attached to a fishing line 12 via a swivel 13. The line 12 would then extend above the

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water level 14 to a reel.

The paravane 10 has a rear portion 15 adapted to be attached to a length of line 16 extending to a hook or lure (not illustrated).

The paravane 20 includes a hollow body 17 from which there rearwardly extends vanes 18. The body 17 encloses a chamber 19 which receives a flowable substance 20, such as an oil which acts as a burley, to attract fish. The body is also provided with an inlet passage 21 and a passage 22. The passage 21 allows the entry of water into the chamber 19, while the passage 22 allows the flowable substance 19 to be distributed so as to pass adjacent the hook or lure during use of the paravane 10.

During use of the paravane 10, the paravane 10 and the associated hook or lure is moved through the water in the direction of the arrow 23.

In Figures 3 and 4 of the accompanying drawings there is schematically depicted a fishing lure 20 which consists of a hollow body 21 providing a cavity 22. The cavity 22 is adapted to receive a flowable substance which acts as a berley.

The body 21 has a leading portion 23 providing a passage 24 leading to the cavity 22. The body 21 further has a trailing portion 25 formed with a passage 26 extending from the cavity 22.

The leading portion 23 is adapted to be attached to a fishing line 27, while hooks 28 are secured to the body 21.

In operation of the above described lure 20, a berley is placed in the cavity 22 and dispensed via the passage 26. The dispensing is aided by the delivery of water to the inlet passage 24 which forces the berley out through the passage 26.

If so required, the passages 24 and 26 could be provided with "reed valves" which control the delivery of berley from the passage 26.

As a modification of the above described invention, the cavity 22 could contain a movable diaphragm separating the berley from the water entering via the passage 24. In this particular configuration, the berley would not be diluted by the incoming water. As a further example, the berley may be located in a flexible bag communicating with the passage 26, while the water entering via the passage 24 could be delivered to a further flexible bag also located in the cavity 22.

The container 30 is adapted for use with the lure as shown in Figure 4. The container 30 has a tapered spout 31 which would snugly fit within the passage 34 enabling the delivery of berley to the cavity 32. Preferably the container 30 would be formed of a flexible plastics material to facilitate injection of the berley into the cavity 32.

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In Figures 6 and 7 there is schematically depicted the body 40 of a fishing lure. The body 40 would be provided with hooks and means for attachment to a line as described with reference to the fishing lure 20. In this particular embodiment, the body 40 is formed of two halves which are a mirror image with respect to a plane extending longitudinally through the body 40. In Figure 7, one of the body halves 41 is illustrated. The body 40 has an external shell 42 which encloses a cavity 43. Leading to the cavity 43 is an inlet 44, while leading from the cavity 43 is an outlet 45. The cavity 43 receives a flowable substance as discussed previously. Water enters the inlet 44 and forces the flowable substance to exit via the outlet 45.

The body 40 is provided with projections or pins 46 which cooperate with mating sockets to secure the two body halves 41 together.

Preferably the lure body 40 is moulded of a plastics material.

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CLAIMS

1. A fishing aid having a forward end to be attached to a fishing line, said aid including a hollow body enclosing a cavity which is to receive a flowable substance which attracts fish, and wherein said body has an outlet extending rearwardly from said cavity through which said substance flows to be delivered to the water surrounding said aid.

2. The fishing aid of claim 1, wherein said aid is a paravane, and said body has a rear attachment enabling said paravane to be attached to a line.

3. The fishing aid of claim 2, further including horizontally extending and vertically extending vanes.

4. The fishing aid of claim 3, wherein said body is provided with an inlet to deliver water to said cavity.

5. The fishing aid of claim 1, wherein said fishing aid is a fishing lure, and said body has means enabling attachment of fishing hooks to the lure.

6. The fishing aid of claim 5, wherein said body is provided with an inlet enabling water to be delivered to said cavity.

7. A fishing aid substantially as hereinbefore described with reference to the accompanying drawings.

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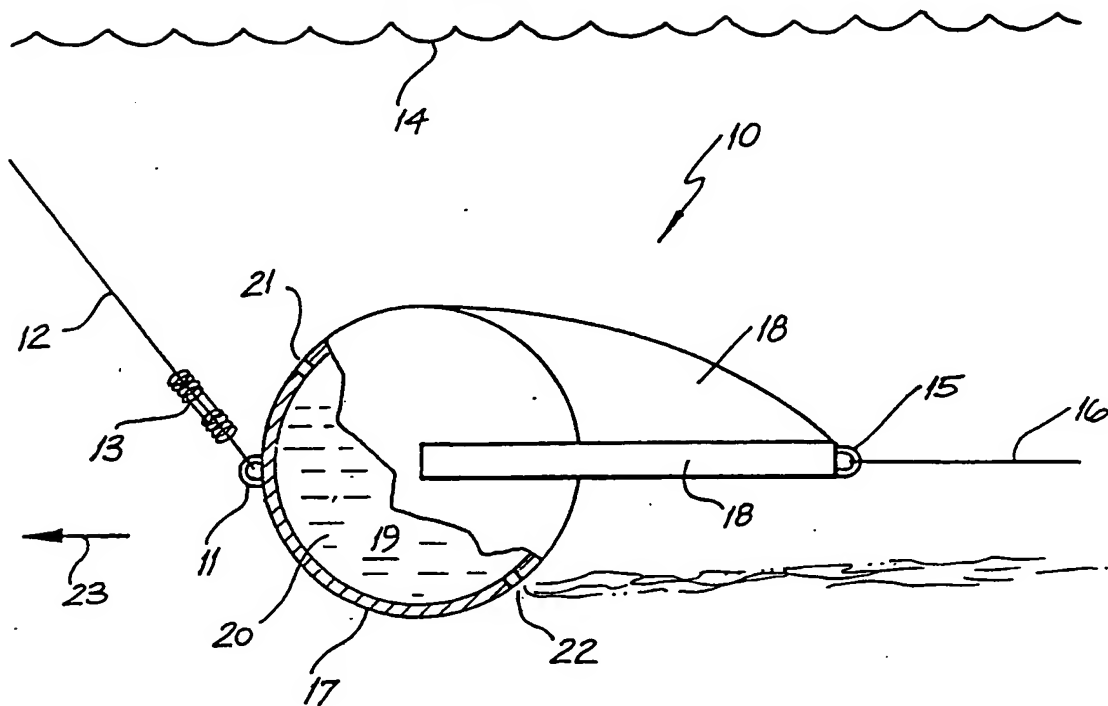


FIG. 1

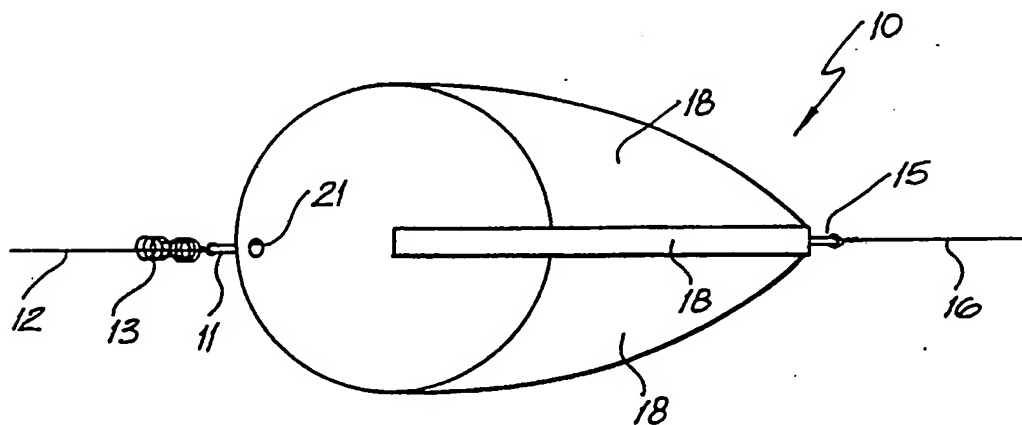
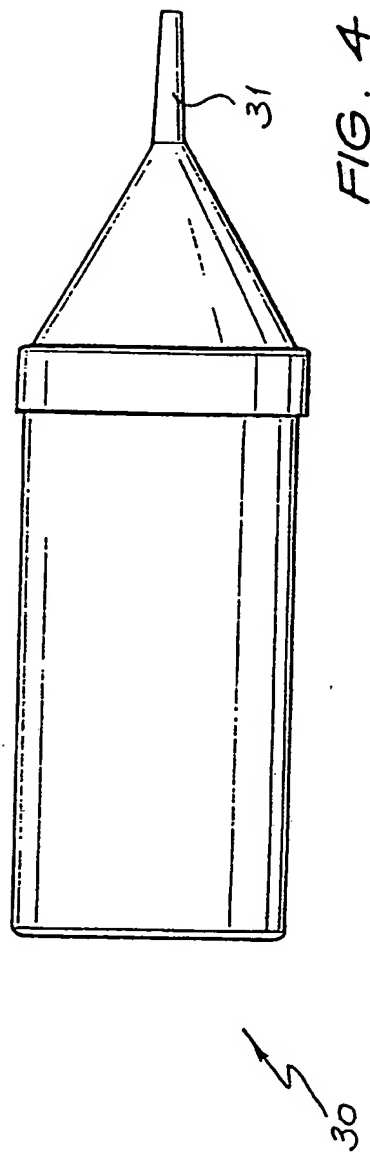
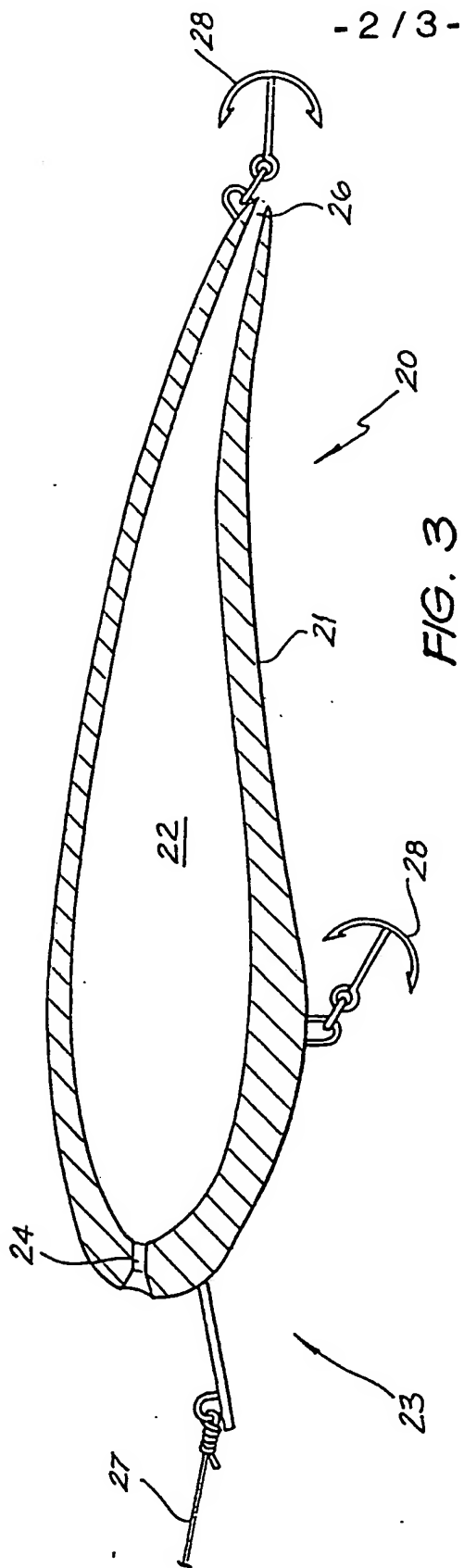


FIG. 2

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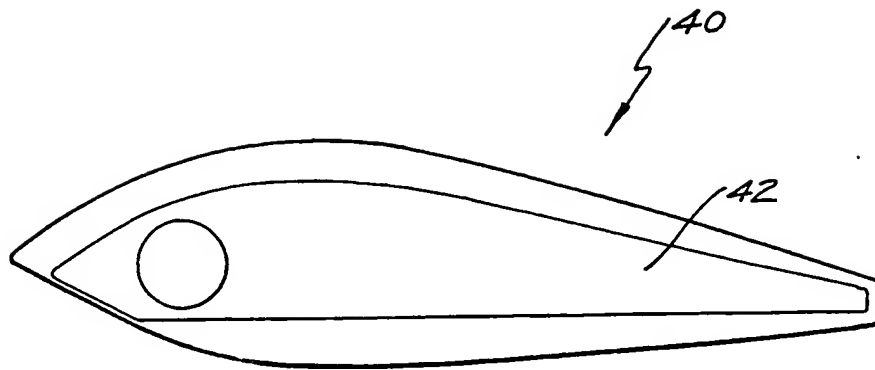


FIG. 5

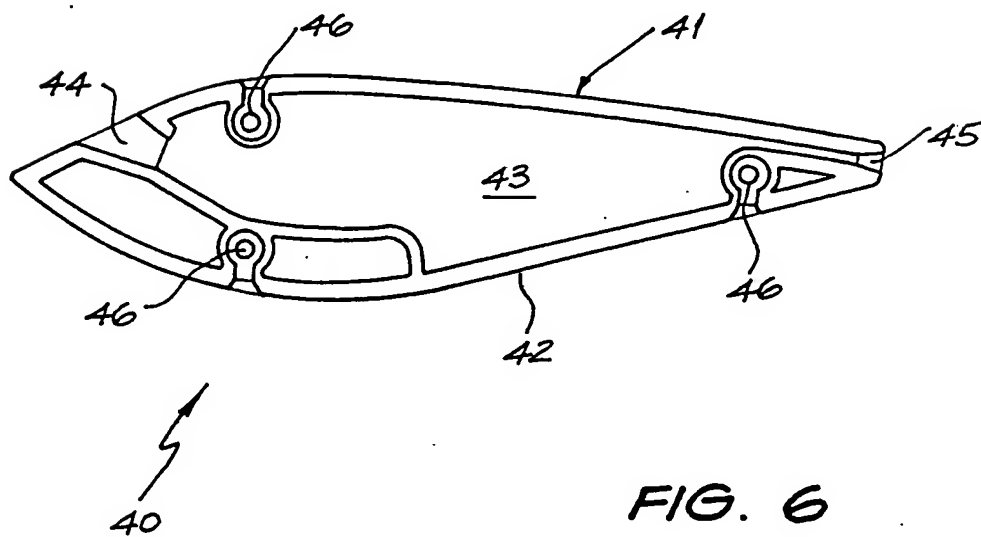


FIG. 6

INTERNATIONAL SEARCH REPORT

International Application No. PCT/AU 89/00334

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) 6		
According to International Patent Classification (IPC) or to both National Classification and IPC		
Int. Cl. 4 A01K 85/01		
II. FIELDS SEARCHED		
Minimum Documentation Searched 7		
Classification System	Classification Symbols	
IPC	A01K 85/00, 85/01, 97/04	
Documentation Searched other than Minimum Documentation to the extent that such documents are included in the fields searched 8		
AU : IPC as above		
III. DOCUMENTS CONSIDERED TO BE RELEVANT 9		
Category*	Citation of Document, 11 with indication, where appropriate, of the relevant passages 12	Relevant to Claim No 13
X	AU, B, 44327/72 (470045) (MOUNSEY) 10 January 1974 (10.01.74)	(1, 5, 6)
X	US, A, 2423717 (MIKINA) 8 July 1947 (08.07.47)	(1, 5, 6)
X	US, A, 2556634 (REDINGER) 12 June 1951 (12.06.51)	(1, 5, 6)
X	US, A, 2674058 (LINDENBERG) 6 April 1954 (06.04.54)	(1, 5)
X	US, A, 2922246 (MILESCHUK) 26 January 1960 (26.01.60)	(1)
Y	US, A, 3032912 (BENGTSOON) 8 May 1962 (08.05.62)	(1-4)
X, Y	US, A, 3036400 (ANDERSON) 29 May 1962 (29.05.62)	(1-4)
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IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
27 September 1989 (27.09.89)	4 September, 1989	
International Searching Authority	Signature of Authorized Officer	
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ANNEX TO THE INTERNATIONAL SEARCH REPORT ON
INTERNATIONAL APPLICATION NO. PCT/AU 89/00334

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Patent Document Cited in Search Report		Patent Family Members		
AU 44327/72	CA 977146	GB 1401796	US 3835572	

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